101	PEVO
AUG 2	3 2004 (1)
PER	MARKE

Sheet	1	of	1

MADEMAR	7 144	(Modified)		AMMY DOCKET NO		CEDIAL NO		
		Modified)	TONTIONS	ATTY. DOCKET NO. 2002-IP-007056U2		SERIAL NO. 10/825,0	01	
	APPI	ATENTS AND PUBL LICANT'S INFORM CLOSURE STATEME	ATION	APPLICANT Larry S. Eoff, et	t al			
(Use sev	/eral	sheets if nec	essary)	FILING DATE 04/15/2004		GROUP)6	
			Į.	I.S. PATENT DOCUMENTS				
XAMINER		D			G1		Dat	ing e if
NITIAL	22	Document No.	Date 02/27/03	Name	Class	Subclass	Appro	priate
. 69	AA	6,364,016	02/27/03	Dalrymple et al	166	270		
	AC							
	AD				 			
	AE		-		+	<u> </u>	 	
·	AF				 			
	AG				 	<u> </u>	<u> </u>	
· · · · · ·	AH							
	AI	-						
	AJ	· · · · · · · · · · · · · · · · · · ·						
-	AK							
			FORI	EIGN PATENT DOCUMENTS				
							Trans	lation
		Document No.	Date	Country	Class	Subclass	Yes	No
09	AL	1193365 A1	1	European	- B21B -	33/138	Х	<u> </u>
69	AM	0383337 A2	08/22/90	European	E21B ·	33/138	Х	· · ·
	AN							
	AO							
	AP	<u></u>			1	<u></u>		
OTH	ER AI	RT (Including A	uthor, Ti	tle, Date, Pertinent .	Pages. E	itc.)		
	AR		·		<u> </u>			
	AS							
	AT							
EXA	MINE		C 1	DATE CO	NSIDERE	_		
	حي	orge Such	tield_			131/05		
AMINER:	In: Dra	itial if refere w line through	ence consi	dered, whether or not if not in conforma	t citati	on is in c	onform	ince wi
	of				municat:			plica



Sheet 1 of 1

		9 (Modified)		ATTY. DOCKET NO. 2002-IP-007056U	J2	SERIAL NO. 10/825,0	001
	APPL	ATENTS AND PUBL LICANT'S INFORM LOSURE STATEME	ATION	APPLICANT Larry S. Eoff,	et al		
(Use set	eral	. sheets if nec	essary)	FILING DATE 04/15/2004			
			n	I.S. PATENT DOCUMEN	TS.		
			1	TATALY BOOMAN			Filing Date if
XAMINER NITIAL		Document No.	Date	Name	Clas	ss Subclass	Appropriate
69	AA	5,669,456		Audibert et al.	179		- FFF
69	AB	6,710,107		Audibert et al.	524	5	· .
	AC						
	AD						
	ΑE						
	AF						
	AG						
	AH						
	AI						
	AK		 				
	<u> </u>			TON DAMPIN DOCUMEN			<u> </u>
			FURE	<i>EIGN PATENT DOCUMEN</i>	V13		Translation
		Document No.	Date	Country	Clas	ss Subclass	Yes No
	AL	_					
	AM						
	AN						
	AO	<u> </u>	ļ		<u> </u>		
	AP					_ l	<u> </u>
ОТН	ER AF	RT (Including A	uthor, Tit	tle, Date, Pertiner	nt Pages.	Etc.)	
	AR						
	AS	-					
	AT	``					
	[
EXA	MINE	R	·	DATE	CONSIDE	RED	•
EXA	MINE	_	1. [£:1	DATE	CONSIDE	RED	
EXA	G	eorge Gu		DATE dered, whether or	l a	2/31/05	onformance w

PTO-1449 Information Disclosure Citation in an Application Application No. 10/825,001 **Docket Number** Applicant(s)

Larry S. Eoff, et al Group Art Unit

2002-IP-007056U2

Filing Date 04/15/2004

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISBUE/ DATE	NAME	CLASS	SUBCLASS	FILING
69	2,863,832	12/09/58	Perrine	252	8.55	05/14/5
1	2,910,436	10/27/59	Fatt, et al	252	8.55	10/02/5
	3,215,199	11/02/65	Dilgren	166	38	02/21/6
	3,251,415	05/17/66	Bombardieri, et al	166	42	04/01/6
	3,297,090	10/10/67	Dilgren	166	38	04/24/6
	3,307,630	03/07/67	Dilgren, et al	166	38	06/12/6
	3,434,971	03/25/69	Atkins	252	8.55	08/25/6
	3,441,085	04/29/69	Gidley	166	307	09/07/6
	3,451,818	06/24/69	Wareham	96	78	04/19/6
	3,910,862	10/07/75	Barabas, et al	260	79.3MU	08/27/7
	4,299,710	11/10/81	Dupre, et al	252	~ 8.5 A.	05/30/7
	4,554,081	11/19/85	Borchardt, et al	252	8.5A	05/21/8
	4,563,292	01/07/86	Borchardt	252	8.55R	08/02/8
	4,627,926	12/09/86	Peiffer, et al	252	8.55R	09/19/8
	4,699,722	10/13/87	Dymond, et al	252	8.551	05/23/8
	4,959,432	09/25/90	Fan, et al	526	287	07/18/8
	5,244,042	09/14/93	Dovan, et al	166	270	02/26/9
1	5,271,466	12/21/93	Harms	166	300	10/30/9
	5,342,530	08/30/94	Aften, et al	252	8.551	05/04/9
	5,735,349	04/07/98	Dawson, et al	166	295	08/16/9
	5,944,106	08/31/99	Dalrymple, et al	166	281	08/06/9
	5,972,848 (English Equiv. of- WO 93/15164)	10/26/99	Audibert, et al	507	119	10/15/9
T	5,979,557	11/09/99	Card, et al	166	300	05/29/9
	6,070,664	06/06/00	Dairymple, et al	166	281	02/12/9
69	6,187,839 B1	02/13/01	Eoff, et al	523	130	03/03/9

EXAMINER

DATE CONSIDERED

PTO-1449	Application No. 10/825,001	et al	
Information Disclosure Citation in an Application	Docket Number 2002-IP-007056U2	Group Art Unit	Filing Date 04/15/2004

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
69	6,228,812 B1	05/08/01	Dawson, et al	507	221	04/05/9
Ì	6,237,687 B1	05/29/01	Barbee, Jr., et al	166	278	06/09/9
	6,253,851 B1	07/03/01	Schroeder, Jr., et al	166	278	09/20/9
	6,283,210 B1	09/04/01	Soliman, et al	166	270	09/01/9
	6,380,137 B1 (English Equiv. of EP 1 033 378 A1)	04/30/02	Heier, et al	507	121	03/02/0
	6,476,283 B1	11/05/05	Devore, et al	585	250	06/29/0
	6,497,283 B1	12/24/02	Eoff, et al	166	293	11/19/0
	6,516,885 B1	02/11/03	Munday	166	295	01/26/9
	6,569,983 B1	05/27/03	Treybig, et al	528	102	12/20/0
	6,609,578 B2	08/26/03	Patel, et al	175	64	06/18/0
	US 2003/0019627 A1	01/30/03	Qu, et al	166	281	01/17/0
	US 2004/0102331 A1	05/27/04	Chan, et al	507	100	11/22/0
	US 2004/0045712A1 (US Pat. App. Ser. No. 10/236,722)	03/11/04	Eoff, et al (Ref. No. 2000-IP-002244U1)	166	293	09/06/0
	US 2004/0171495A1 (US Pat. App. Ser. No. 10/375,787)	09/02/04	Zamora, et al (Ref. No. 2002-IP-007056U1)	507	100	02/27/0
	US 2004/0229756A1 (US Pat. App. Ser. No. 10/440,337)	11/18/04	Eoff, et al (Ref. No. 2001-IP-005267U1)	507	219	05/16/0
ركاني	US 2004/0229757A1 (US Pat. App. Ser. No. 10/760,443)	11/18/04	Eoff, et al (Ref. No. 2001-IP-005267U1P1)	507	219	01/20/0

EXAMINER George Suchfield DATE CONSIDERED,

O-1449)		Application No. 10/825,001	Applicant(s)) Eoff, et al		
nformation Disclosure Citation in an Application			Docket Number 2002-IP-007056U2	Group Art Unit Filing I		Date 5/2004	
		U.S.	PATENT DOCUMENTS	3			
	DOCUMENT NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS		LING ATE
Œ	US 2005/0000694A1 (US Pat. App. Ser. No. 10/612,271)	01/06/05	Dairymple, et al (Ref. No. 2002-IP-007945U1)	166	307	07/	02/03
	US Pat. App. Ser. No. 10/763,800	•	Eoff, et al (Ref. No. 2002-IP-009464U1)	-	-	01/	24/04
	US Pat. App. Ser. No. 10/780,995	-	Eoff, et al (Ref. No. 2002-IP-007848U1)	•	-	02/	18/04
69	US Pat. App. Ser. No. 10/806,894		Eoff, et al (Ref. No. 2001-IP-005267U1P2)	•	-	- 03/23/	
		FOREIG	N PATENT DOCUMEN	ITS		1	
							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRAN Yes	SLATION No
G	DOCUMENT NO. DT 2 250 552	DATE 04/18/74	COUNTRY Germany	CLASS -39b4	SUBCLASS		
G						Yes	
G	DT 2 250 552	04/18/74	Germany	-39b4	19/00	Yes	
9	DT 2 250 552 EP 0 896 122 A2 EP 1 033 378 A1 (See Equivalent,	04/18/74	Germany Europe -	-39b4 E21B	19/00 - 3 3 /138-	Yes	No
G	DT 2 250 552 EP 0 896 122 A2 EP 1 033 378 A1 (See Equivalent, US 6,380,137 B1)	04/18/74 02/10/99 -	Germany Europe	-39b4	19/00	Yes X X	No
4	DT 2 250 552 EP 0 896 122 A2 EP 1 033 378 A1 (See Equivalent, US 6,380,137 B1) EP 1 312 753 A1	04/18/74 02/10/99 - 05/21/03	Germany Europe - Europe	-39b4 E21B	19/00 39/138 33/138	Yes X X	No
9	DT 2 250 552 EP 0 896 122 A2 EP 1 033 378 A1 (See Equivalent, US 6,380,137 B1) EP 1 312 753 A1 GB 2 221 940 A WO 93/15164 (See Equivalent,	04/18/74 02/10/99 - 05/21/03	Germany Europe - Europe	-39b4 E21B	19/00 39/138 33/138	Yes X X	X
	DT 2 250 552 EP 0 896 122 A2 EP 1 033 378 A1 (See Equivalent, US 6,380,137 B1) EP 1 312 753 A1 GB 2 221 940 A WO 93/15164 (See Equivalent, US 5,972,848)	04/18/74 02/10/99 - 05/21/03 02/21/90	Germany Europe - Europe UK	=39b4 E21B E21B C09K	19/00 39/138 33/138 7/02	Yes X X X	X
	DT 2 250 552 EP 0 896 122 A2 EP 1 033 378 A1 (See Equivalent, US 6,380,137 B1) EP 1 312 753 A1 GB 2 221 940 A WO 93/15164 (See Equivalent, US 5,972,848)	04/18/74 02/10/99 - 05/21/03 02/21/90	Germany Europe - Europe UK	=39b4 E21B E21B C09K	19/00 39/138 33/138 7/02	Yes X X X	X

DATE CONSIDERED

EXAMINER

PTO-14	49	Application No. 10/825,001	Applicant(s) Larry S. Eoff,	et al
Infor	mation Disclosure Citation in an Application	Docket Number 2002-IP-007056U2	Group Art Unit	Filing Date 04/15/2004
	NON-P	ATENT DOCUMENTS		
	DOCUMENT (Including Auth	or, Title, Source, and	Pertinent Page	es)
69	from website @ http://speonline.spe.org/ Eoff, Larry, et al, Structure and Process	leum Engineers, Inc., prese gue, The Netherlands, May cqi-bin/viewpaper.cqi?pape Optimization for the Use of	ented at SPE Europe 21-22, pp. 1-2, prin r=00068973.pdf a Polymeric Relative	ean ted
	Permeability Modifier in Conformance Co of Petroleum Engineers, Inc., presented Chemistry, Houston, TX, February 13-16 http://speonline.spe.org/cgi-bin/viewpape	at SPE International Sympo i, pp. 1-2, printed from webs r.cqi?paper=00064985.pdf	osium on Oilfield site @	
	Inikori, Solomon Ovueferaye, Numerical Sink (DWS) Well Completions in Vertical Title Page, Contents, Abstract and pp. 17 Louisiana State University and Agricultur Petroleum Engineering	and Horizontal Wells, A Dir 7-18, Submitted to the Grad al and Mechanical College,	ssertation, August 2 luate Faculty of the The Department of	002,
	Halliburton, 2001 Press Releases, Hallib System to Control Unwanted Water Prod @ www.halliburton.com/news/archive/20 Halliburton, 2001 Press Releases, First I Performed for a Producing Well in Egypt	<i>duction</i> , 2002 Halliburton, pp 01/esqnws_053101.jsp?pri Halliburton H2Zero ^{IM} Confo	o. 1-2, printed from v ntMe mance Solution Joi	website b
	www.halliburton.com/news/archive/2001/ Halliburton, 2001 Press Releases, Hallib Job in North America, 2002 Halliburton, p www.halliburton.com/news/archive/2001/	urton Performs First H2Zer op. 1-2, printed from websit /esgnws_082201.jsp	e @ 	olution
09	BJ Services Company, Aquacon, Product BJ Services Company, Aquatrol I, Production			
EXAMI	NER George Suchfield		DATE CONSID	DERED 12/31/05

PTO-1449
Information Disclosure Citation on an Application

Application No.

10/825,001

Docket Number
2002-IP-007056U2

Applicant(s)

Larry S. Eoff, et al

Group Art Unit | Filing Date
04/15/2004

U.S. PATENT DOCUMENTS

	DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
69	4,158,726	06/19/79	Kamada, et al	526	200	12/27/77
	4,536,303	08/20/85	Borchardt	252	8.5 \$ R	08/02/84
	4,671,883	06/09/87	Connell	252	8.515	07/12/85
	6,124,245	09/26/00	Patel	507	120	10/07/98
	6,359,047 B1	03/19/02	Thieu, et al	524	376	03/20/01
	6,787,506 B2	09/07/04	Blair, et al	507	222	04/03/02
69	US 2003/0191030A1	10/09/03	Blair, et al	507	225	04/03/02
						

NON-PATENT DOCUMENTS

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	
G5	Botermans, C. Wouter, et al, <i>Relative Permeability Modifiers: Myth or Reality?</i> , SPE No. 68973, 2001, Society of Petroleum Engineers, Inc., presented at SPE European Formation Damage Conference, The Hague, The Netherlands, May 21-22, pp. 1-13 (previously listed as website address, SPE eLibrary)	
69	Eoff, Larry, et al, Structure and Process Optimization for the Use of a Polymeric Relative- Permeability Modifier in Conformance Control, SPE No. 64985, 2001, Society of Petroleum Engineers, Inc., presented at SPE International Symposium on Oilfield Chemistry, Houston, TX, February 13-16, pp. 1-14 (previously listed as website address, SPE eLibrary)	

EXAMINER George Such Field DATE CONSIDERED 12/31/05

		OIPE VOIG						
DT	O-1449	. (JUH O 6 ZOUS		Application No. 10/825,001	Applicant(s	arry S.	Eoff, e	t al
		ation Disclosure Application	Citation in an	Docket Number 2002-IP-007056U2	Group A	rt Unit	Filing Da 04/15/2	ate
			U.S. I	PATENT DOCUMENTS	6			
		DOCUMENT NO.	ISSUE/ PUB. DATE	NAME	CLASS	SUBC	LASS	FILING DATE
	69	3,744,566	07/10/73	Szabo et al.	166	27	'5	03/16/72
	69	5,382,371	01/17/95	Stahl et al.	507	22	21	11/06/92
	66	5,979,557	11/09/99	Card et al.	166	30	0	05/29/97
			NON-	PATENT DOCUMENTS	3			
		DOCUMENT	(Including Au	thor, Title, Source, an	d Pertinen	t Page	s)	
			,					
	• •				<u> </u>			

DATE CONSIDERED

12/31/05

EXAMINER

PTO-1449	Application No. 10/825,001	Applicant(s) Larry S. Eoff,	et al.
Information Disclosure Citation in an	Docket Number 2002-IP-007056U2		Filing Date 04/15/2004
Application		3696	

ווג	٠,	*OFF	U.S.	PATENT DOCUMENTS			
TO SERVICE SER	VT & TR	NO.	ISSUE/PUB. DATE	NAME	CLASS	SUBCLASS	FILING DATE
	89	US 2004/0220058A1 (US Pat. App. Ser. No. 10/862,132)	11/04/04	Eoff, et al (Ref. No. 2000-IP-002244U1P1)	507	200	06/04/04
	1	US Pat. App. Ser. No. 10/825,001	•	Eoff, et al (Ref. No. 2002-IP-007056U2)	-	-	04/15/04
		US Pat. App. Ser. No. 10/872,997	-	Eoff, et al (Ref. No. 2003-IP-011298U3)	-	•	06/21/04
		US Pat. App. Ser. No. 10/881,198	•	Dairymple, et al (Ref. No. 2003-IP-012775U1)	-	-	06/29/04
		US Pat. App. Ser. No. 10/893,210	-	Eoff, et al (Ref. No. 2001- IP-005267P6)	-	-	07/16/04
	G	US Pat. App. Ser. No. 11/102,062	•	Sierra, et al (Ref. No. 2003-IP-012775U1P1)	-	-	04/08/05

EXAMINER EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through DATE CONSIDERED

citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO-1449	Application No. 10/825,001	Applicant(s) Larry S. Eoff,	et al.
Information Disclosure Citation in an	Docket Number 2002-IP-007056U2	Group Art Unit	Filing Date 04/15/2004

	JUL 1 12005	FOREI	GN PATENT DOCUM	ENTS			
	DOWNENT ME.	DATE	COUNTRY	CLASS	SUBCLASS	Yes	SLATION NO
69	WO 04/101706 A1	11/25/2004	PCT	€21B	43/25	Х	

			0,,,	2005 3							
P	ΓΟ-14		B NON 08	Min's	Application No. 10/825,001	A	pplicant Eoff, I				
		Information Disclos in an Applica	uxexCitation ation x IPABE	MATERIAL PROPERTY.	Docket Number 2002-IP-007056U2		Group _1	Art Unit 712 3676		g Date 4/15/2004	
U.	S. PA	TENT DOCUMENTS									
		DOCUMENT NO.	DATE NAME CLASS SUBCLAS		ss	SS FILING DATE					
Ó	1.	4,142,595	03/06/79	Anderso	on, et al.		175	72		02/1	3/78
1	2.	5,646,093	07/08/97	Dino			507	209		08/1	3/96
	3.	5,728,653	03/17/98	Audiber	t, et al.		507	222		06/0	5/95
1	4.	6,020,289	02/01/00	Dymono	d	<u></u> ;	507	120		05/2	2/96
G	5.	6,803,348 B2	10/12/04	Jones,	et al.		507	221		03/2	22/99
					 						
		·									
F	DREIG	ON PATENT DOCUM	ENTS								
		DOCUMENT NO.	DATE	COUNT	'RY	CLA	SS	SUBCLA	SS	TRANSL	
										YES	NO
65	1	GB 2335428 A	09/22/99	UK		E21 1	3	3 2/138		X	
			<u> </u>				*********	<u> </u>			
-										ļ	
لــ			L	<u> </u>		<u> </u>		<u> </u>		1	L
N	ON-PA	ATENT DOCUMENTS	5 								
		DOCUMENT (Inclu	ding Autho	r, Title, S	ource, and Pertinent P	ages)				DATE	
i i											
E	CAMIN	IER George	Such	Field		DAT	E CONS	SIDERED / 2	213	31/05	

FORM PTO-1449 (Modified) LIST OF PATENTS AND PUBLICATIONS	ATTY. DOCKET NO. 2002-IP-007056U2	SERIAL NO. Unknown
FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	APPLICANT Larry S. Eoff, et al	
(Use several sheets if necessary)	FILING DATE Concurrently herewith	GROUP Unknown 3676

u.s.	PATENT	DOCUMENTS

EXAMINER		·					Filing Date if
INITIAL		Document No.	Date	Name	Class	Subclass	Appropriate
69	AA	3,382,924	05/14/68	Veley et al.	166	42	
1	AB	4,129,183	12/12/78	Kalfoglou	166	300	
	AC	4,158,521	06/19/79	Anderson et al.	405	264	
	AD	4,366,071	12/28/82	McLaughlin et al.	25/82	8.55R	
	AE	4,366,072	12/28/82	McLaughlin et al.	252	8.\$5R	
	AF	4,366,073	12/28/82	McLaughlin et al.	252	8.55R	
	AG	4,366,074	12/28/82	McLaughlin et al.	252	8.55R	
	AH	4,374,739	02/22/83	McLaughlin et al.	252	8.55R	
	AI	4,393,939	07/19/83	Smith et al.	166	293	
	AJ	4,395,340	07/26/83	McLaughlin	-252-	√8.55D	
	AK	4,401,789	08/30/83	Gideon	524	827	
69	AL	4,439,334	03/27/84	Borchardt	252	8.55D	

FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Trans. Yes	lation No
	AM	EP 1033378	02/18/00	European	COSF	220/58		Y
<u> </u>	1	WO 93/15164	08/05/93	<u> </u>	СОЭК	7/00	<u> </u>	X
	AO	WO 99/49183	09/30/99	PCT	E21B	43/02	х	
64	AP	WO 99/50530	10/07/99	PCT	E21B	43/02	Х	
	AQ							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR Paper entitled "Controlling Formation Damage Using Clay Stabilizers: A Review", by Z. J. Zhou et al., dated 1995

AS DATE CONSIDERED

George Suchfield 12/31/05

Document No. Date Name Class Subclass Appropriate April AA 4,440,649 04/03/84 Loftin et al. 252 8.\$C AB 4,447,342 05/08/84 Borchardt et al. 252 8.\$SD AC 4,460,627 07/17/84 Meaver et al. 427 212 AD 4,462,718 07/31/84 McLaughlin et al. 405 264 AE 4,532,052 06/30/85 Weaver et al. 427 212 AP 4,536,297 08/20/85 Loftin et al. 252 8.\$SD AF 4,536,305 08/20/85 Borchardt et al. 252 8.\$SD AB 4,604,216 08/05/86 Irvin, et al. 252 8.\$SD AI 4,693,639 09/15/87 Hollenbeak et al. 405 263 AJ 4,730,028 03/08/88 Bock, et al. 526 225 AK 4,828,726 05/09/89 Himes et al. 526 225 AK 4,828,726 05/09/89 Himes et al. 526 225 AK 4,828,726 05/09/89 Himes et al. 292 8.553 AL 5,071,934 12/10/91 Peiffer 526 307 GF AM 5,097,904 03/24/92 Himes 166 294 FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Translation Yes No AN AO AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS AT Including Author, Title, Date, Pertinent Pages, Etc.) INER: Initial if reference considered, whether or not citation is in conformance wifered. Including and through citation if not in conformance and not considered. Including for the page is a part of the page is a page is a part of the page is a page			9 (Modified)	TCATIONS	ATTY. DOCKET NO. 2002-IP-007056U2		SERIAL NO. Unknown		
Concurrently herewith Unknown 3696 Concurrently herewith Concurrently		APPI	ICANT'S INFORM	ATION		al.			
Name	(Use se	veral	sheets if nec	essary)				3678	,
MINER Document No. Date Name Class Subclass Appropriate				t	J.S. PATENT DOCUMENTS				
Document No. Date Name Class Subclass Appropriate April	· · · · · · · · · · · · · · · · · · ·			l				Fil	ing
### AA	XAMINER	1						Dat	e if
AB	NITIAL						l	Appro	priate
AC	G_{1}	AA			I				
AD	1	1		1 '	1	252	8. \$ 5D		
AE		AC		1		427	212		-
AF 4,536,297 08/20/85 Loftin et al. 252 8.5C AG 4,536,305 08/20/85 Borchardt et al. 252 8.5R AH 4,604,216 08/05/86 Irvin, et al. 252 8.5D AH 4,604,216 08/05/86 Irvin, et al. 252 8.5D AI 4,693,639 09/15/87 Hollenbeak et al. 405 263 AI 4,730,028 03/08/88 Bock, et al. 526 225 AK 4,828,726 05/09/89 Himes et al. 252 8.553 AL 5,071,934 12/10/91 Peiffer 526 307 AL 5,071,934 12/10/91 Peiffer 526 307 AM 5,097,904 03/24/92 Himes 166 294 FOREIGN PATENT DOCUMENTS Document No. Date		AD	4,462,718	1	I	405	264		
AG		AE	4,532,052	06/30/85	Weaver et al.	252-	-8-55R		
AH		AF	4,536,297	08/20/85	Loftin et al.	252	_8.5C-		
AI		AG	4,536,305	08/20/85	Borchardt et al.	252	8.55R		
AJ 4,730,028 03/08/88 Bock, et al. 526 225 AK 4,828,726 05/09/89 Himes et al. 252 8-553 AL 5,071,934 12/10/91 Peiffer 526 307 G/9 AM 5,097,904 03/24/92 Himes 166 294 FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Translation Yes No AN AO AO AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS EXAMINER DATE CONSIDERED LEXAMINER DATE CONSIDERED LEXAMINER CONSIDERED LEXAMINER DATE CONSIDERED LEXAMINER DATE CONSIDERED LEXAMINER CONSIDERED CONSIDERED LEXAMINER DATE CONSIDERED CONSI		AH	4,604,216	08/05/86	Irvin, et al.	252	8.510	<u> </u>	
AK 4,828,726 05/09/89 Himes et al. 252 8-553 AL 5,071,934 12/10/91 Peiffer 526 307 GP AM 5,097,904 03/24/92 Himes 166 294 FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Translation Yes No AN AO AO AP AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AS DATE CONSIDERED EXAMINER DATE CONSIDERED OTHER Initial if reference considered, whether or not citation is in conformance we 609; Draw line through citation if not in conformance and not considered. Incl		ΑI	4,693,639	09/15/87	Hollenbeak et al.	405	263		
AL 5,071,934 12/10/91 Peiffer 526 307 FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Translation Yes No AN AO AO AP AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AS DATE CONSIDERED EXAMINER DATE CONSIDERED OTHER Initial if reference considered, whether or not citation is in conformance we 609; Draw line through citation if not in conformance and not considered. Incl		ΑJ	4,730,028	03/08/88	Bock, et al.	526	225		
FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Translation Yes No		AK	4,828,726	05/09/89	Himes et al.	252	8-553		
FOREIGN PATENT DOCUMENTS Document No. Date Country Class Subclass Translation Yes No		AL	5,071,934	12/10/91	Peiffer	526	307		
Document No. Date Country Class Subclass Translation Yes No AN AO AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS EXAMINER Coo(ae Subclass Translation Yes No Date Country Date Considered 2 3 05	39	AM	5,097,904	03/24/92	Himes	166	294		
Document No. Date Country Class Subclass Translation Yes No AN AO AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS EXAMINER Coo(ae Subclass Translation Yes No Date Country Date Considered 2 3 05				FORE	ETCH PATENT DOCUMENTS			_	
Document No. Date Country Class Subclass Yes No AN AO AO AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS DATE CONSIDERED COLOR SUCCESSION DATE CONSIDERED LEXAMINER DATE CONSIDERED COLOR SUCCESSION DESCRIPTION OF THE CONSIDERED SUCCESSION DATE CONSIDERED SUC				1 - 1 - 1 - 1	TON TATENT DOCUMENTS		T	Trans	lation
AND AP AQ OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS EXAMINER Colue Suchiel INER: Initial if reference considered, whether or not citation is in conformance we 609; Draw line through citation if not in conformance and not considered. Including Author, Title, Date, Pertinent Pages, Etc.)			Document No.	Date	Country	Class	Subclass		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS EXAMINER Column Survey Lell INER: Initial if reference considered, whether or not citation is in conformance we for Draw line through citation if not in conformance and not considered. Including Author, Title, Date, Pertinent Pages, Etc.)									
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS EXAMINER Colue Such ell INER: Initial if reference considered, whether or not citation is in conformance we follow through citation if not in conformance and not considered. Including Author, Title, Date, Pertinent Pages, Etc.)				ļ					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) AS AS EXAMINER Colue Such [e] INER: Initial if reference considered, whether or not citation is in conformance we 609; Draw line through citation if not in conformance and not considered. Including Author, Title, Date, Pertinent Pages, Etc.)		<u> </u>					<u> </u>		
EXAMINER Colue Suchtel INER: Initial if reference considered, whether or not citation is in conformance we follow through citation if not in conformance and not considered. Including through citation if not in conformance and not considered.		AQ				l			
EXAMINER Colue Suchtel INER: Initial if reference considered, whether or not citation is in conformance we follow through citation if not in conformance and not considered. Including through citation if not in conformance and not considered.	OTHE	ER AR	T (Including A	uthor, Tit	le, Date, Pertinent I	Pages, E	tc.)		
EXAMINER Colue Such lel INER: Initial if reference considered, whether or not citation is in conformance we follow through citation if not in conformance and not considered. Includes		AR							
EXAMINER Colue Suchtel INER: Initial if reference considered, whether or not citation is in conformance will considered. Including through citation if not in conformance and not considered. Including through citation if not in conformance and not considered.		AS					·		
INER: Initial if reference considered, whether or not citation is in conformance we 609; Draw line through citation if not in conformance and not considered. Incli		AT							
INER: Initial if reference considered, whether or not citation is in conformance w 609; Draw line through citation if not in conformance and not considered. Incl.	EYN	MTNE			DATE CO	Metherer			
609; Draw line through citation if not in conformance and not considered. Incl	EAA	↓ TIAE)	· .	C - 1	DATE CO	NOIDEKEL	_ 1 /		
609; Draw line through citation if not in conformance and not considered. Incl	(seo	rue Such	itiell]	2/3/10	5	
609; Draw line through citation if not in conformance and not considered. Incl	MINER:	Ini	tial if refere	ence consi	dered, whether or not	citati	on is in c	onforma	
of this form with next communication to applicant.	P 609;	Drav	w line through	citation	if not in conforman	ce and	not consid	lered.	

		9 (Modified)		ATTY. DOCKET NO. SERIAL NO. 2002-IP-007056U2 Unknown					
	APPL	TENTS AND PUBL ICANT'S INFORM LOSURE STATEME	ATION	APPLICANT Larry S. Eoff, et al.					
(Use sev	veral	sheets if nec	essary)	FILING DATE Concurrently herew		GROUP U nknown	367	6	
			τ	S. PATENT DOCUMENTS					
					T			ling	
XAMINER				<u> </u>				e if	
NITIAL		Document No.	Date	Name	Class	Subclass	Appro	priate	
6	AA	5,146,986	1	Dalrymple	166	294			
	AB	5,160,642	11/03/92		252-	-8.551			
	AC	5,197,544	03/30/93	1	166	294			
	AD	5,208,216	05/04/93		507	120		_	
	AE	5,379,841	01/10/95	·	166	295			
	AF	5,607,902	03/04/97		507	120			
	AG	5,887,653	03/30/99		166	281			
	AH	5,972,848	10/26/99	Audibert et al.	507	119			
	AI	6,277,900	08/21/01	Oswald, et al.	523	130			
141	AJ	6,476,169	11/05/02	Eoff, et al.	526	307.2			
		Document No.	Date	Country	Class	Subclass	Trans Yes	lation No	
	AL			<u> </u>			ļ	L	
	AM								
	AN						i		
	AO						<u> </u>		
	AP				1				
OTH	ER AR	T (Including A	uthor. Ti	cle, Date, Pertinent	Pages. E	tc.)			
	AQ								
	AR					 ,			
	AS								
	M3		·					<u> </u>	
EXA	MINE	₹ .		DATE CO	NSIDERED)	<u>-</u>		
	Ge	eorge Suc	chfield			12/31/0	5		
AMINER:	Ini	tial if refere	ence consi	dered, whether or not if not in conformar	citati	on is in c	onforma	ince w	